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EFFECT OF PARAMAGNETISM OF POLYCONJUGATED POLYMERS AND THEIR COMPLEXES ON NMR SPECTRA AND MOLECULAR MOTION*

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THE behaviour of polymers with conjugated bonds has been studied in some detail along with the formation of paramagnetic centres (PMC) in these polymers [1], but the nature of the PMC has not been fully elucidated [2]. A number of suggestions was made in reference [3] regarding the structure of conjugated polymers, but there is no data at all concerning their molecular mobility, and practically no NMR studies of these polymers have been undertaken.

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